

Amendments to the Claims

This listing of claims will replace all prior version and listings of claims in the application:

Listing of Claims:

1-20. (Cancelled).

21. (Currently amended): A saccharide-conjugated nanoparticle comprising:

- (a) a core gold nanoparticle, comprising gold atoms, without Fe atoms and having no magnetic property;
- (b) a plurality of saccharide molecules; and
- (c) a linker, linking the plurality of saccharide molecules to the core gold nanoparticle;

wherein the saccharide-conjugated nanoparticle has an average diameter of about 2-9 nm, and
wherein the linker is 5-thio-pentan-1-ol.

22. (Previously presented): The saccharide-conjugated nanoparticle of claim 21, wherein the plurality of saccharide molecules are selected from the group consisting of a monosaccharide and a Pk antigen.

23. (Previously presented): The saccharide conjugated nanoparticle of claim 21, wherein the plurality of saccharide molecules comprises at least 150 molecules.

24. (Canceled).

25. (Currently amended): A composition comprising:

- (a) a saccharide-conjugated nanoparticle, which comprises:
 - (i) a core gold nanoparticle, comprising gold atoms, without Fe atoms and having no magnetic property;
 - (ii) a plurality of saccharide molecules; and

(iii) a linker, attaching the plurality of saccharide molecules to the core gold nanoparticle; and

(b) a pathogen, bound to the saccharide-conjugated nanoparticle;

wherein the linker is 5-thio-pentan-1-ol.

26. (Previously presented): The composition of claim 25, wherein the pathogen is selected from the group consisting of bacteria, viruses, mycoplasma and fungi.

27. (Canceled).

28. (Previously presented): The composition of claim 25, wherein the plurality of saccharide molecules are selected from the group consisting of a monosaccharide, and a Pk antigen

29. (Canceled).

30. (Previously presented): The composition of claim 25, wherein the plurality of saccharide molecules comprise at least 150 molecules.

31. (Previously presented): The composition of claim 28, wherein the monosaccharide is selected from the group consisting of mannose, galactose, and glucose.

32. (Previously presented): The composition of claim 28, wherein the plurality of saccharide molecules are Pk antigen.

33. (Currently amended): The composition of claim[[29]]28, wherein the plurality of saccharide molecules comprise at least 150 molecules.

34. (Canceled).

35. (Currently amended): A saccharide-conjugated nanoparticle comprising:

(a) a core gold nanoparticle, comprising gold atoms, without Fe atoms and having no magnetic property;

(b) a plurality of saccharide molecules; and

- (c) a linker, attaching the plurality of saccharide molecules to the core gold nanoparticle;
wherein the plurality of saccharide molecules are selected from the group consisting of a monosaccharide and a Pk antigen, and wherein the linker is 5-thio-pentan-1-ol.
36. (Previously presented): The saccharide-conjugated nanoparticle of claim 35, wherein the plurality of saccharide molecules comprises at least 150 molecules.
37. (Previously presented): The saccharide-conjugated nanoparticle of claim 35, wherein the monosaccharide is selected from the group consisting of mannose, galactose and glucose.
38. (Previously presented): A composition comprising:
- (a) a saccharide-conjugated nanoparticle according to claim 35; and
 - (b) a pathogen, bound to the nanoparticle.
39. (Canceled).
40. (Previously presented): The composition of claim 38, wherein the monosaccharide is selected from the group consisting of mannose, galactose, and glucose.